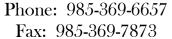


Texas Brine Company, LLC 1301 Highway 70

Belle Rose, LA 70341





May 1, 2013

Commissioner James H. Welsh P.O. Box 94275 Baton Rouge, LA 70804

RE: In response to State of Louisiana Department of Natural Resources Office of Conservation's Second Amendment to Declaration of Emergency and Directive

Commissioner Welsh,

In response to the Second Amendment and Declaration of Emergency and Directive order issued by the Louisiana Department of Natural Resources (LDNR), Office of Conservation on September 25, 2012, Texas Brine Company, LLC (TPC) understands the seven items listed in the document.

In the above mentioned, TBC was specifically directed and ordered to perform certain tasks outlined in the above mentioned document. Below are the required responses, as directed.

- 1. TBC's counsel provided LDNR legal counsel with a response to Directives 1-3 on September 28, 2012.
- 2. TBC understands Directive 4, which is to provide all daily logs and field notes from all contractors conducting investigation into subsidence and natural gas bubbling. The Daily Action Summary and results for current information can be found in the Attachment section of this report.
- 3. TBC understands Directive 5, which directs TBC to immediately allow for split or share any sample taken on site related to Well 3A (Serial Number 974265), the cavern, other wells facilities or other site locations. The Daily Action Summary of today's collection can be found in Attachment section of this report.
- 4. TBC understands Directive 6, which directs TBC to immediately report the results (final and preliminary) of any tests, logs samples or data collection performed on Well 3A, the cavern, other wells, facilities or site locations that indicate a change in any previously known conditions related to the investigation of the subsidence or natural gas bubbling

- events, and continue to report any such results. The Daily Action Summary and the Results related to this Directive can be found in Attachment section of this report.
- 5. TBC understands the Directive 7, which states that TBC will provide a daily summary of all tests, or logs performed or samples taken from Well 3A and the cavern as well as any results of those tests or logs, including preliminary as of September 25, 2012 and going forward. The Daily Summary and Results related to this Directive can be found in Attachment section of this report.

Please note that the drilling rig used for the Observation Well 3A has been removed and the site is being rigged down and returned to pre-drilling condition. As such, daily drilling reports for this well have ceased. Plans are being made for longer term potential gas venting/flaring requirements and possible hydrocarbon material recover from Well 3A.

In addition, previous daily summary reports issued to LDNR have included significant duplicate information as there is a fair amount of overlap in the information requested in each of the Directives included in the September 25, 2012 order. All requested information associated with the Directives issued in the September 25, 2012 order are included in the Attachment section of this report.

TBC believes that the submittal of this report satisfies the requirements of the Declaration of Emergency and Directive issued on September 25, 2012. As directed this report is submitted by email to <u>conservationorder@la.gov</u>, ref. "Emergency Declaration-Texas Brine Company LLC-9/25/2012.

Bruce E. Martin

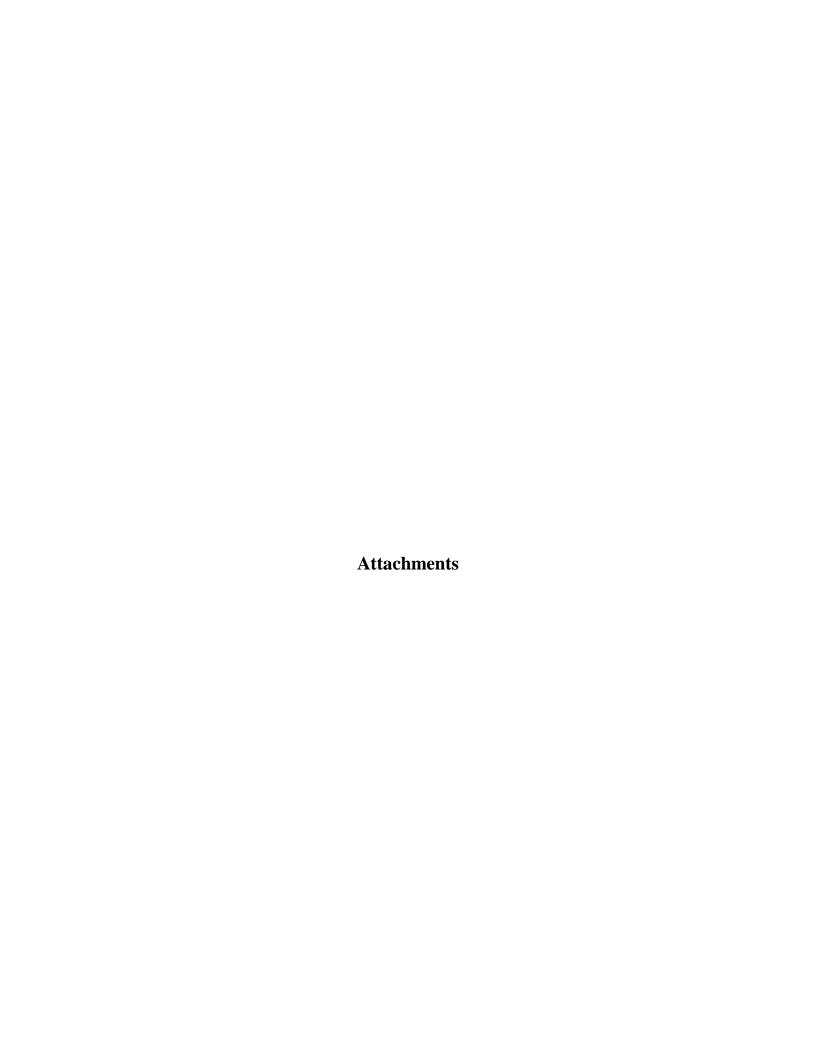
Vice President, Operations

Bana EMart

Texas Brine Company, LLC



Contractor Responsibilities Collected By Date Collected Delivered to Lab Results from Lab Laboratory Method	Date to Agencies												
Stationary Air Monitoring Pete Hyatt IV (Code Red) - 07:00 - 4/30/2013 NA NA NA NA AreaRAE Monitoring Sage has been requested to suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities. Gas Seep Sampling No work performed Well Gas Sampling No work performed Work performed No work performed 4/30/2013 NA N	NA NA NA NA NA NA												
Residential Air Monitoring suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities. Gas Seep Sampling No work performed 4/30/2013 NA	NA NA NA NA												
Well Gas Sampling No work performed 4/30/2013 NA	NA NA NA												
Under Slab Gas Sampling No work performed 4/30/2013 NA	NA NA												
Indoor Air Monitoring No work performed 4/30/2013 NA NA NA NA NA Respec Completed full instrumentation recon inside of berm, 8 sites where NA N	NA												
Respec Completed full instrumentation recon inside of berm, 8 sites where													
instrumentation recon inside of berm, NA	NA												
InSAR Reflector Installations 4/29/2013 No work conducted No work conducted NA NA NA NA	NA												
Subsidence Survey-Fenstermaker 4/29/2013 No work conducted No work conducted NA NA NA NA	NA												
Shallow Geophone Installation 4/29/2013 No work conducted No work conducted NA NA NA NA	NA												
Deep Geophone Installation 4/29/2013 No work conducted No work conducted NA NA NA NA	NA												
Amendment #3, Directive #2 4/29/2013 No work conducted No work conducted NA NA NA NA GP-ORW-6,	NA												
installation GP-ORW- 17, drilling and commencement of installation of GP-													
Expansion of geoprobe gas sampling locations 4/29/2013 ORW-19 P. Smith NA NA NA NA NA Miller Weekly Stability Survey No Work Performed 4/29 - 4/30/2013 NA NA NA NA NA	NA NA												
Miller Weekly Stability Survey No Work Performed 4/29 - 4/30/2013 NA NA NA NA Misc. Survey Work No Work Performed 4/29 - 4/30/2013 NA NA NA NA	NA NA												
Sinkhole Hydro/Perimeter Survey No Work Performed 4/29 - 4/30/2013 NA NA NA NA NA	NA NA												
Pisani Surface Water NA NA NA NA NA NA NA NA	NA NA												
Industrial Well Water NA NA NA NA NA NA NA	NA												
MRAAWell Water NA NA NA NA NA	NA												
Geoprobe Wells NA NA NA NA NA NA	NA												
Grand Bayou Well 3A													
	Summary of Today's events												
·	Oxy 3A												
500.86 5/1/2013													
Relief Well #1													
5/1/2013 See ORW-01 Flare Spreadsheet													



Daily Action Summary

April 30, 2013

Stationary Air Monitoring

- Steve Shaughnessy onsite from 08:05 to 09:15. Changed out the monitors between 08:24 and 08:55. Collected data from the monitoring database and forwarded to Eric Rucinski in the Baton Rouge office for processing.
- Pete Hyatt IV of Code Red (monitor sub-contractor) onsite from 07:00 to 17:00. Assisted in battery change outs and maintenance of the monitoring equipment.

Residential Air Monitoring

• Sage has been requested to suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities. The last event was conducted on March 26, 2013.

Gas Seep Sampling

Not Scheduled

Well Gas Sampling

Not Scheduled

Under Slab Gas Sampling

• Not Scheduled

Air Indoor Monitoring

• Not Scheduled

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	South-most Pipeline Site Middle-most Pipeline Site					ne Site			North	-most Pipelin	e Site			On l	Drill Rig Bo	om		Onsite Trailers							
			ST-3			ST-2			ST-1							OG 3A-1			TR-1						
		Non-					Non-					Non-					Non-					Non-		l	ı
		Methane					Methane					Methane					Methane					Methane			l
Date-Time *	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
04/30/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9
04/30/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
04/30/2013 03:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
04/30/2013 04:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
04/30/2013 05:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
04/30/2013 06:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
04/30/2013 07:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9
04/30/2013 08:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
04/30/2013 09:00:00 AM	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 10:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 11:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 12:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 01:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 02:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 03:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 04:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 05:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 06:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 07:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 08:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 09:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 10:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
04/30/2013 11:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
05/01/2013 12:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9

Notes:

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	South-most Pipeline Site					Middle-most Pipeline Site				North-most Pipeline Site					On Drill Rig Boom						Onsite Trailers					
	ST-3				ST-2				ST-1				OG 3A-1					TR-1								
		Non-					Non-					Non-					Non-					Non-				
		Methane					Methane					Methane					Methane					Methane				
	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	
04/30/2013 05:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	
04/30/2013 06:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	
04/30/2013 07:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	
04/30/2013 08:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	
04/30/2013 09:00:00 AM	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
04/30/2013 10:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
04/30/2013 11:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
04/30/2013 12:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
04/30/2013 01:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
04/30/2013 02:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
04/30/2013 03:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
04/30/2013 04:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
04/30/2013 05:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
04/30/2013 06:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
04/30/2013 07:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
04/30/2013 08:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
04/30/2013 09:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
04/30/2013 10:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
04/30/2013 11:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
05/01/2013 12:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
05/01/2013 01:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
05/01/2013 02:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
05/01/2013 03:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	
05/01/2013 04:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0		20.9	
05/01/2013 05:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	

Notes:

RESPEC Consulting & Services

Texas Brine, L.L.C. Assumption Parish, Louisiana Daily Field Report

Report By:	David Gnage	Date:_	4/30/13
Company:	RESPEC	Work Order #:	0

Personnel	Company	Job Title
Peter Smith, CPG	RESPEC	Staff Geologist
Chico	WHE	Driller
Guy	WHE	Driller Helpers
John Schneider	RESPEC	Staff Geophysicst
Mike Aucion	Faucheux	Airboat driver

Time Onsite:	Start Time:	7:15	End Time:	18:00	
(Note: on-site time	only reflects time o	n-site; it doe	es not reflect time ta	ken for off-si	te activities)

Equipment Onsite:

Daily Activity: RESPEC attended a contractor meeting. RESPEC oversaw Geoprobe gas

sampling well installations which included grouting GP-ORW-6 well; move to GP-ORW-17, running of EC probe; collecting continuous soil samples; and setting and grouting a 1-inch well; move to GP-ORW-19, running of EC probe;

collecting continuous soil samples; and setting a 1-inch well.

Additionally RESPEC completed the instrumentation reconnaissance inside the

berm, staking 8 proposed locations. This completed the recon phase

Proposed Schedule: Tomorrow drilling activities will include grouting of GP-ORW-19 and move next

to GP-ORW-19 & GP-ORW-16. Expansion of the subsidence instrumentation

network will begin next week once materials arrive on-site.

Initials:	DJG	

ME&A Daily Action Summary

April 29, 2013

Subsidence Survey:

No Work Done

Sinkhole Perimeter/Hydrographic Survey:

No Work Done

Support Sinkhole Cleanup

No Work Done

Misc. Survey Work

No Work Done

ME&A Daily Action Summary

April 30, 2013

Subsidence Survey:

No Work Done

Sinkhole Perimeter/Hydrographic Survey:

No Work Done

Support Sinkhole Cleanup

No Work Done

Misc. Survey Work

No Work Done